JOB NO. 54701843		ANALYSTS	JOB COST RE	PODT	DIV	2	CAN EDAN	CTCCO
DEPARTMENT WATER		DESCRIPTION						
FUNCTION INVALID		BILLING	I KANSIII 55.	NOI NOI		ASSIGNED TO		
RELATED JOB NO. NONE		D & C NUMBER	NONE	NO	N C		LYST	
ADC INDICATOR OFF		RULE NO.	NONE				E CLOSED	
ILX NUMBER NONE		LIC. PROJECT					RT DATE	
BASIC BUS FUNC 03		PIN GD 02		PHASI	<b>-</b> D		R. DATE	
COORDINATOR RC 02 693		PROGRAM - 3	~1	гпазі		CUM	P. DATE	11/25/88
YEAR 88	ACTUAL 243.99	-AUTHORIZED	YEAR		AUTHOR	RIZED	YEAR	ACTUAL
AUTHO	DRIZED	ACTUAL		YI JTHORIZED		TUAL 523.50		
			MPARISONS					
· ADTTAL	ESTIMATED		CTUAL		FFERENCE		/ARIANCE	
APITAL			2,911.23	× · × · × ·	2,911.23-0	. 0	OV	ERRUN
EMOVAL	.00		.00	9	.00 0	. 0		
EMO M & 0	15,365.00		11,856.26		3,508.74 0	22.8	UN	DERRUN
AUTHORIZED DIRECT	15,365.00		14,767.49	Ж	597.51 ¥		3.8 ×	UNDERRUN
IDIRECTS & OVERHEADS	6,830.00						0 .	
GROSS FIN.	22,195.00	**	20,880.13	**	1,314.87 **		5.9 **	UNDERRUN
.C.I.		15	.00					
ALVAGE	.00		.00		.00			
REDITS NOT INCLUDED		100		×				
IN AMOUNT AUTHORIZED			.00					
ANDAYS			100		38-		61.2-	OVERRUN

1 SOURCE DOC. NO. 0234691721

JOB NO. 54701843

R228JA

CONTROL SEQUENCE NO. 40,488 SHEET NO.

# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

ADC	CAPITAL : INDICATOR	OFF	ACCOUNT LOCATION	1124 - MAINS 101-MAIN 01			SUB-ACCT	24-24 I	MAIN INST C	OMPLETE
	IST MENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL ACTIV	
	226 ADMV 8 227 GENERA	CONTRACT-OTHER & GENERAL EXPEN AL ENGRNG EXPEN &UNCLASS MATER	NSE NSE	210.00 24.75 3.64 154.00	0 0 0 0		-88- -88- -88- -88-	D D D		
	SUB-TOTAL-	-DIRECT		364.00	*					
	SUB-TOTAL-	-DIRECT-INDIR-	OVHDS	392.39	*				×,	
	196 PLANT	ADDITIONS-COMP	P GEN 70000	392.39	-					
	BALANCE		xx xx xx xx	.00	*		×			10
	AUTH	ORIZED DIRECT		.00	¥	ESTIMATE	D MANHOURS		0 ×	

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1124 - MAINS LOCATION 132-MAIN 0132

SUB-ACCT

30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED I	QUANTITY DIFFERENCE		DETAIL YEAR	ACTIV & MONT	
052 091 220 222 223 226 227 229 452 495	PHYSICAL ST TIME CONST EQUIP USE-GEN CO G.C. PER DIEM ALLOWAND TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION ADMV & GENERAL EXPENSION GENERAL ENGRNG EXPENSION NON-PRODUCTIVE TIME-GO P/R ADDT-PEN/SFP-GC P/R ADDT-TAXES GC MEAL EXPENSES GENERAL HARDWARE	CE T ON N E E	385.08 260.00 20.16 7.16 35.81 31.04 72.64 10.38 92.42 135.37 53.81 16.92 9.88	20 20 20 0 0 0 0 0 0 0			-88- N -88- N			
SUB-	-TOTAL-DIRECT		432.04	¥						
· SUB-	-TOTAL-DIRECT-INDIR-OV	HDS	1,130.67	<b>*</b>						
196	PLANT ADDITIONS-COMP (000970)		1,130.67-							
BALA	ANCE		.00	¥						
	AUTHORIZED DIRECT		.00	×	ESTIMATED	MANHOURS		0 *		

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

COST ELEME	DESCRIPTION	YEAR	TANDOMA	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE		DETAIL ACTIV	
0 0 2 2 2 2 2 2 2 2 4 4	06 PHYSICAL ST TIME 07 PHYSICAL OVERTIME 50 CONST EQUIP USE-REGIONS 16 TOOL EXPENSE-REGIONAL 18 SUP & ENG-TRSF TO CONST 19 REGIONAL A & G EXPENSES 26 ADMV & GENERAL EXPENSE 27 GENERAL ENGRNG EXPENSE 28 NON-PRODUCTIVE TIME-REGIONAL 30 P/R ADDT-PEN/SFP-REGN-GIONAL 51 P/R ADDT-TAXES REGN-GO 69 MEAL ALLOWANCE 90 MEALS&LODGING-OTHERS		1,273.45 654.13 453.00 110.39 927.25 242.85 342.20 48.89 280.16 625.90 248.81 56.00	72 23 54 0 0 0 0 0 0 0 0 5 3	-88 -88 -88 -88 -88 -88 -88 -88	8 - N 8 - N		
S	UB-TOTAL-DIRECT		2,000.13	¥				
S	UB-TOTAL-DIRECT-INDIR-OVHD	S	5,279.58	¥				
1	96 PLANT ADDITIONS-COMP GE 00097000		5,279.58	_				
В	ALANCE		.00	¥				
	AUTHORIZED DIRECT		.00	*	ESTIMATED MANHOURS		0 ×	

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#### CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

SUB-ACCT 30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR AMOU	UNT QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL A	CTIVITY MONTH
462 MISCL	MEETING EXPENSES	11	.5.06 0		-8	88- D		
SUB-TOTAL	-DIRECT	11	.5.06 ×					
SUB-TOTAL	-DIRECT-INDIR-OVHD	3 11	.5.06 ×					
196 PLANT	ADDITIONS-COMP GEI		.5.06-					
BALANCE			.00 €					
AUTH	ORIZED DIRECT		.00 ×	ESTIMATE	D MANHOURS		0 ×	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

CAPITAL ADC INDICATOR OFF ACCOUNT 1224 - MAINS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL ACTIVITY YEAR & MONTH
617 G	ENERAL HARDWARE		.00	0	1 1 1	-8	8- D-89- 1	1 (1.04)
SUB-TO	DTAL-DIRECT		.00	¥				
BALANC	DÉ """		.00	*				
1	AUTHORIZED DIRECT		.00	¥	ESTIMATED	MANHOURS		0 ×

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

CAPITAL ADC INDICATOR OFF

ACCOUNT 1224 - MAINS

SUB-ACCT 30-30 IN MAIN INST COMPLETE

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	Γ	ETAIL ACTIVITY YEAR & MONTH	(
462 MISCL	MEETING EXPENSES		.00	0		88- N D			
SUB-TOTAL	-DIRECT		.00	×					
BALANCE			.00	×					
AUTH	ORIZED DIRECT		.00	€	ESTIMATE	D MANHOURS		0 ×	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

11-REPAIR LEAKS SUB-ACCT

COST ELEMENT	DESCRIPTION	YEAR AMO	UNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	-	DETAIL ACTIVITY YEAR & MONTH
	STORES EXPENSE-ASSESSED GAS MINOR MTL - ALLOC		28.49 5.61	0			-88- N D -88- N D	
SUB-	-TOTAL-DIRECT		.00	¥				
BALA	ANCE		34.10	*				
	AUTHORIZED DIRECT	8,4	90.00	¥	ESTIMATED	MANHOURS		176 ×

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS SUBACTIV 2040 REPAIR TRANS LINES

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVIT YEAR & MONTH	ГΥ
875699 393 617 646	FTG FLANGED MISC MATERIAL X-RAY INSPECTION GENERAL HARDWARE AUTOMOTIVE EQUIP & TOTAL-DIRECT	SP PARTS	134.19 150.68 1,559.50 8.04 97.77	1 0 0 0 0		-88- N D -88- N -89- 1 -88- D -88- N	D	
BALA	11 1		1,950.18					
	AUTHORIZED DIRECT		.00	*	ESTIMATED	MANHOURS	0 *	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO. 54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION		YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL A		
223 G.C.	L EXPENSE-GEN CO . CONST. SUPERVI . FIELD SUPERVIS -PRODUCTIVE TIME	SION ION		.86 4.32 3.74 9.60	0 0 0 0			-88- N -88- N -88- N -88- N		1 1 -1 -1	
SUB-TOTA	AL-DIRECT			.00	<b>X</b> -						
BALANCE				18.52	¥						×
AUT	THORIZED DIRECT			.00	¥	ESTIMATE	MANHOURS		0 ×		

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY QUAI	NTITY ERENCE	ETAIL ACTIVITY YEAR & MONTH	
006 007 052 091		<b>S</b>	40.00 8.00 2.00 7.00	0		-88- N -88- N -88- N -88- N		
SUB	B-TOTAL-DIRECT		55.00	) <b>*</b>				
BAL	ANCE		57.00	*			× - 1 × - 1	
	AUTHORIZED DIRECT		.00	) ¥	ESTIMATED MANH	HOURS	0 ×	

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132

SUB-ACCT

11-REPAIR LEAKS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	E		DETAIL ACT YEAR & MC	
219 220 222 223 228 229 233	REGIONAL A & G EXPENSES TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION NON-PRODUCTIVE TIME-REG	N	34.65 54.44 8.56 42.78 37.07 82.49 110.38 475.89 87.30	0 0 0 0 0 0 0			88- 88- 88- 88- 88- 88- 88- 88-	0 N N N O N N D		
SUB-	-TOTAL-DIRECT		.00	¥						
BALA	ANCE		933.56	×						
	AUTHORIZED DIRECT		.00	×	ESTIMATED	MANHOURS			0 ×	. *

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

SUB-ACCT 11-REPAIR LEAKS SUBACTIV 2040 REPAIR TRANS LINES

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL ACTIVITY YEAR & MONTH	
490059 875699 006 019 046 050 067	PIPE STEEL 30" OD NITROGEN PURE ES 32-7 MISC MATERIAL PHYSICAL ST TIME MGMT/PROF ST TIME MILEAGE-GENERAL CONST CONST EQUIP USE-REGIO FREIGHT LANDSCAPING G.C. PER DIEM ALLOWAN	NS	4,224.62 177.84 281.13 569.40 302.96 43.80 120.00 199.40 964.00 24.92	40 2,964 0 32 16 73 16 0			-88- N -88- D -88- D -88- O N -88- N -88- N -88- N -88- N -88- N		
SUB-	TOTAL-DIRECT  NCE  AUTHORIZED DIRECT		6,744.27 6,908.07	ж	ESTIMATEI	) MANHOURS		0 ж	

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO M&O

ACCOUNT 1502 - MAINTENANCE OF MAINS

ACTIVITY 3654 MAINT OF LINES OTHER-GAS

SUB-ACCT 6-REPAIR PIPE COATING SUBACTIV 2040 MAINTAIN TRANS MAINS

COST ELEMENT	DESCR	RIPTION	YEAR	AMOUNT	QUANTITY CHARGED		QUANTITY DIFFERENCE		DETAIL ACTIVITY YEAR & MONTH
011485 PI	PE STEEL	30" OD	FT	723.61	12		88-	- N	
SUB-TO	TAL-DIREC	T		723.61	×				
BALANCI	=			723.61	¥				
AU	JTHORIZED			.00	¥	ESTIMATE	D MANHOURS		0 *

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1602 - MAINS LEAK CLAMPS LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL YEAR &	ACTIVITY MONTH
222	TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION NON-PRODUCTIVE TIME-GC		2.62 13.08 11.33 29.28	0 0 0 0			-88- N -88- N -88- N -88- N		
SUB	-TOTAL-DIRECT		.00	¥					
BAL	ANCE		56.31	*		- A A			
	AUTHORIZED DIRECT		.00	¥	ESTIMATED	MANHOURS		0 €	

#### CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

2 - SAN FRANCISCO DIV.

MEMO M&O

ACCOUNT 1602 - MAINS LEAK CLAMPS LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR AMOUNT	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
007 052	PHYSICAL ST TIME PHYSICAL OVERTIME CONST EQUIP USE-GEN COI G.C. PER DIEM ALLOWANCE		0 2	-88- N -88- N -88- N -88- N	·
SUB	-TOTAL-DIRECT	166.00	¥		
BAL	ANCE	172.00	¥	<del></del>	
	AUTHORIZED DIRECT	.00	¥	ESTIMATED MANHOURS	0 ×

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1603 - MAINS OTHER LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY QUA	ANTITY FERENCE	DETAIL ACTIVITY YEAR & MONTH
222 223	TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION GC. FIELD SUPERVISION NON-PRODUCTIVE TIME-GC		8.74 43.70 37.87 97.07	0 0 0 0		-88- N -88- N -88- N -88- N	** *** *** *** ***
SUI	B-TOTAL-DIRECT		.00	¥			
BAI	ANCE		187.38	×			
	AUTHORIZED DIRECT		.00	¥	ESTIMATED MAN	NHOURS	0 ×

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1603 - MAINS OTHER LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		DETAIL AC YEAR & M	TIVITY ONTH
007 052	PHYSICAL ST TIME PHYSICAL OVERTIME CONST EQUIP USE-GEN CON G.C. PER DIEM ALLOWANCE	III- I	404.47 81.04 17.00 64.04	25 5 6 20			-88- N -88- N -88- N -88- N	 	
SUB-	-TOTAL-DIRECT	· · ·	549.55	*					
BAL	ANCE		566.55	*					0.41
	AUTHORIZED DIRECT		.00	ж	ESTIMATED	MANHOURS		0 ¥	

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE		1	DETAIL ACTIVITY YEAR & MONTH
222 223	TOOL EXPENSE-GEN CONST GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION NON-PRODUCTIVE TIME-GC		5.24 26.19 22.70 58.08	0 0 0			-88- N -88- N -88- N -88- N		
SUB-	-TOTAL-DIRECT		.00	¥					
BALA	ANCE		112.21	×					
	AUTHORIZED DIRECT		.00	¥	ESTIMATE	D MANHOURS			0 ж

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1607 - SERVICES LOCATION 132-MAIN 0132 ACTIVITY 3664 REPAIR LINES-GAS

OST EMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	Ē	. 1		ACTIVITY & MONTH
 007 052	PHYSICAL ST TIME PHYSICAL OVERTIME CONST EQUIP USE-GEN C G.C. PER DIEM ALLOWAN	ONS CE	242.00 49.00 11.00 39.00	10 0 4 8			-88- N -88- N -88- N -88- N			
SUB-	TOTAL-DIRECT		330.00	×						
BALA	NCE	1 10 - 1011	341.00	*						0 - 0 - 40 -
	AUTHORIZED DIRECT		.00	¥	ESTIMATE	D MANHOURS			0 ×	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES

COST ELEMENT DESCRIPTION

YEAR AMOUNT

QUANTITY QUANTITY QUANTITY CHARGED INSTALLED DIFFERENCE

DETAIL ACTIVITY YEAR & MONTH

AUTHORIZED DIRECT

6,875.00 ×

ESTIMATED MANHOURS

320 ×

# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES LOCATION 132-MAIN 0132

COST ELEMENT	DESCRIPTION	YEAR - AMOUN	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE	DETAIL ACTIVI YEAR & MONTH	
219	TOOL EXPENSE-REGIONAL REGIONAL A & G EXPENSES NON-PRODUCTIVE TIME-REGI		78		-88- N -88- N -88- N	- 10
SUB	-TOTAL-DIRECT		.00 ×			• 0 =
BAL	ANCE	445	.64 ×			
	AUTHORIZED DIRECT	· · · · · · · · · · · · · · · · ·	.00 ×	ESTIMATED MANHOURS	0 ×	

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

MEMO M&O

ACCOUNT 1855 - MAINS EXPENSES LOCATION 132-MAIN 0132 ACTIVITY 3475 LINE OPERATION-OTHER-GAS

SUBACTIV 6034 TRANS MAIN EXPENSE

COST ELEMENT	DESCRIPTION	YEAR AMO	UNT	QUANTITY CHARGED		QUANTITY DIFFERENCE		DETAIL AC YEAR & M	
007 044 050	PHYSICAL ST TIME PHYSICAL OVERTIME MILEAGE-REGIONS CONST EQUIP USE-REGIONS MEAL ALLOWANCE	4	16.38 07.27 23.65 95.00 14.00	15 55 19			88- N 88- N 88- N 88- N		
SUB-	-TOTAL-DIRECT	1,3	37.65	*					
BALA	NCE	1,4	56.30	¥					
	AUTHORIZED DIRECT		.00	*	ESTIMATE	MANHOURS		0 ×	

CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 3 - GENERAL CONSTRUCTION

MEMO OTHER COSTS

ACCOUNT 8026 - GC ADMN.&GEN EXP-OFFICE ACTIVITY 6190 MGMT & SUPERVISION

COS EL EM		YEAR	AMOUNT			QUANTITY QUANT NSTALLED DIFFER		DETAIL AC YEAR & M	
	021 MGMT/PROF OVERTIME 046 MILEAGE-GENERAL CONST	X	272.50 60.00		100 _		-88- D		
	SUB-TOTAL-DIRECT		272.50	×					
	BALANCE		332.50	×				 	
	AUTHORIZED DIRECT		.00	¥		ESTIMATED MANHO	URS	0 ×	

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

SUB-ACCT 12-ENGINEERING

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY QUANTITY INSTALLED DIFFERENCE				DETAIL AG	
223	GEN. CONST. SUPERVISION G.C. FIELD SUPERVISION NON-PRODUCTIVE TIME-GC	0.40	1,126.07 1,036.98 1,787.46	0		-88- I	I D-89- I D-89- I D-89-	3	4	
SUB-	-TOTAL-DIRECT		.00	*						
BALA	NCE		3,950.51	×						
	AUTHORIZED DIRECT		.00	*	ESTIMATED MANHOURS				0 ×	(-)-(-)-(

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# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT

12-ENGINEERING

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE	DETAIL ACTIVITY YEAR & MONTH
006 P	HYSICAL ST TIME		149.11	8		88- N	
SUB-T	OTAL-DIRECT		149.11	×			
BALAN	CE		149.11	*			
	AUTHORIZED DIRECT		.00	×	ESTIMATE	D MANHOURS	0 ×

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9202 - SALARIES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY QUAN INSTALLED DIFFE	NTITY ERENCE	DETAIL ACTIVITY YEAR & MONTH
002 006 007 014 015 019	CLERICAL ST TIME CLERICAL OVERTIME PHYSICAL ST TIME PHYSICAL OVERTIME TECHNICAL ST TIME TECHNICAL OVERTIME MGMT/PROF ST TIME MGMT/PROF ADJUSTMENT		457.17 250.02 6,072.34 5,548.31 197.55 152.11 460.18 757.41	24 9 272 149 16 6 24		-88- N -88- N -88- N D-89- -88- N D-89- -88- N -88- N -88- N -89- 4	
SUB-	-TOTAL-DIRECT	1	13,895.09	*			
BALA	ANCE		13,895.09	¥			
	AUTHORIZED DIRECT		.00	*	ESTIMATED MANH	HOURS	0 €

#### CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9212 - EXPENSES-GEN OFC EMPLS

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

COST Element	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY QUA INSTALLED DIFF	NTITY ERENCE	DETAIL ACTIVITY YEAR & MONTH
	MILEAGE-GENERAL CONST PETTY CASH		356.74 31.86			88- N D	
SUB-	-TOTAL-DIRECT	= =	31.86	¥			
BALA	NCE		388.60	¥			
	AUTHORIZED DIRECT		.00	*	ESTIMATED MAN	HOURS	0 ×

# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9213 - GO SUPPLIES & EXPENSES

ACTIVITY 3124 ENG STUDIES -ELEC OPER

12-ENGINEERING SUB-ACCT

COST ELEMENT	DESCRIPTION	YEAR	AMOUNT	QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE			. ACTIVITY & MONTH	
052 CONST	EQUIP USE-GEN	CONS	72.00	6			-88- N			
SUB-TOTAL	-DIRECT		.00	*				1 11×		
BALANCE			72.00	€						
AUTH	DRIZED DIRECT		.00	<b>*</b>	ESTIMATE	D MANHOURS	•	0 ×		

54701843

ANALYSIS JOB COST REPORT

DIV. 22 - GENERAL OFFICE

MEMO OTHER COSTS

ACCOUNT 9213 - GO SUPPLIES & EXPENSES

ACTIVITY 3124 ENG STUDIES -ELEC OPER

SUB-ACCT 12-ENGINEERING SUBACTIV 2040 FINAL

COST ELEMENT	DESCRIPTION	YEAR		QUANTITY CHARGED	QUANTITY INSTALLED	QUANTITY DIFFERENCE			I	ETAIL A	ACTIVITY MONTH	
872090 875699 052 067 091 469 612	WELDING ROD MATERIAL MISC TOOL MISC MATERIAL CONST EQUIP USE-GEN FREIGHT G.C. PER DIEM ALLOWA MEAL ALLOWANCE BUILDING MATERIAL MISCL &UNCLASS MATER	ANCE	178.04 43.66 3.24 479.50 530.25 442.96 371.00 31.42 152.51	0 0 0 126 0 168 2 2			-89- 3 -88- 1 -88- 1 -88- 1 -88- 1 -88- 1 -88- 1 -89- 3	L N D N D	. *			
SUB-	TOTAL-DIRECT		1,753.08 2,232.58								<u>.</u> -n	
	AUTHORIZED DIRECT		.00	*	ESTIMATE	MANHOURS				0 €		0.

P.G.	&	E.

# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

#### ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

#### ACCOUNT TOTALS

CONTROL ACCOUNT	ACCOUNT NUMBER	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.
CAPITAL	1124 1224	796.04 2,115.19	1,523.06- 5,394.64-	727.02- 3,279.45-
SUB-TOTAL		2,911.23 ×	6,917.70-*	4,006.47-*
REMOVAL		.00	.00	.00
SUB-TOTAL		.00 ¥	.00 *	.00 *
MEMO M & O	1502 1602 1603 1607 1855 8026 9202 9212 9213	9,473.06 166.00 549.55 330.00 1,337.65 272.50 14,044.20 31.86 1,753.08	.00 .00 .00 .00 .00 .00	9,473.06 166.00 549.55 330.00 1,337.65 272.50 14,044.20 31.86 1,753.08
SUB-TOTAL		27,957.90 ×	.00 €	27,957.90 *
AUTHORIZED DIRECT		30,869.13	6,917.70-	23,951.43
INDIRECT & OVERHEAD		11,031.39	.00	.00
GROSS FIN.		41,900.52 ×	6,917.70-*	34,982.82 *
SALVAGE		.00	.00	.00

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$\sim$	.G.	&	-
			Е.

# CONSTRUCTION ACCOUNTING DEPARTMENT

MAY 1989

JOB NO.

54701843

ANALYSIS JOB COST REPORT

DIV. 2 - SAN FRANCISCO

# ACCOUNT TOTALS

CONTROL ACCOUNT	ACCOUNT NUMBER	DIRECT EXP.	TRF. TO PLANT	BAL TO BE TRF.
CREDITS NOT INCLUDED IN AMOUNT AUTHORIZED		.00	.00	
0.C.I.		.00	00	.00
TOTAL		41,900.52 **	6,917.70-**	34,982.82 **

PG 298 E 62-6251 (REV. 8/82) - MO. DAY YR.  DATE OF ESTIMATE 103188	10	B ESTIMA	TE	p	ΛÖ	B COORDIN RC N	ATOR'S UMBER	CENTER 61913
DEPARTMENT GAS  APPLICANTIS) PACIFIC GAS E ELECTRIC LOCATION BUNKER HILL DR. SAXMUM OF 29 CHARACTER.  JOB TITLE CODE VIO TRANSMILISIS.  NAME OF PROJECT/PHASE COORDINATOR GALE SIU  NECESSITY FOR PROPOSED WORK AND DESCRIPTION THEREOF:	SAN MATE	COUNTY S	SAX MASON SOUTH PROPERTY SPECIFIC CT/PHASE ET AMOUNT S	RCE DOCUMEN	PROJECT FUNC. NEW BL LINE EXT NON-RESIDE ESTIMATED BASE ANNU	TE No. 0	PPLICANT BI REINFORCE ON P-1 GAS	72%. BER (PIN) PHASE P
IT IS NECESSARY TO REP		,			CONTRIBUTE EXCESS SER CHARGE OTHER OTHER	TONS: VICE	FT, No. U	
					D & C No.	3 No.		
RECOMMENDATION, RULE No. and RATE SCHEDULE	EXP	NOADC	8		FERC PRO.	I, No.		
CMP	ANY EXPE	NSE			- ESTIMATOR	-	.MATT	Soul
	'				DATE REQU	IIRED /	1-11-88	
FACILITY  ACCOUNT SUB SPECIAL I.D. ACCOUNT CODE (FOLING	DESCRIPTION OF DIRE	CT COST ITEMS    bere-detail on extra sheets	MANDAYS or UNIT AMBURT (yduro required)	LABOR	MATERIAL	INT (Dollars EMPLOYEE RELATED COST	Only)  CONTRACT and OUTSIDE SERVICES	OTHER
(+ 02 120 2175 122 1 1791 3475	6034 #31 1d	STORE MAIN	40	5800		7 <i>5</i>	1000	
5 02 132 3664 2040 REPAI	R LONGITUDINA	MELD DEFECT	- 22	3190	300		5000	
		Acct 10- acct						
		_						
TOTAL AMOU	INT (Dollars Only)			T TOTAL CAS	TAL DIRECT COST	re		
TOTAL CAPITAL DIRECT COSTS INSTALLATION DIRECT REMOVAL DIRECT TRAVEL LABOR		TOTAL M&O D		(Escalated- TOTAL M&	—il applicable)  O DIRECT COSTS  —il applicable)	10	1536	_
THAY E DADON	ESCALATION%	M & O DIRECT (Inc. TRAVEL)	ESCALATION		O DIRECT COSTS		1536	
PLANT TO BE REMOVED OR ABANDONED (Ente		etail Sheet for Plant to l	be Retired")	CAPITAL IN		%		4= 3
COSTS FIRST S YEAR L			TOTAL REMAINING	M&O INDIA		/8.7 ×	401	4
DIRECT	YEAR LJ	YEAR	red_	OVERHEAD GROSS FIN	ANCIAL COSTS	%	2219	-
		NOV 1	0 1988		d/or REMOVE STOCK (NET)			
COSTS 22195 NOV 17 1					d/er REMOVE		-	
OCDOCAL.	MLX DEPOSIT No.	CONTRIBUTIONS	ONG CATEGORY OF WO	DEDUCT SA		CONTRIDUCTOR	_	
RULE CODE UNDERGROUND FUNCTIONAL GROUP			V062	AND NON-R	KER CREDITS INCL. EFUNDABLE BILLINI MOUNT	3S		
CHECKLIST REQ'D. SEC'D. CHECKLIST	REQ'D. SEC'D.	FOR ACCOUNTING				B AUTHORI	\$2219	2
J.P./J.T. INTENTION RIGHT OF WAY  J.P./J.T. APPL, No. OVER 20% YIELD	1/10	GRESS REPORT VALUATION UNIT DL. Dist. COST	PARTY MOT VÉHI CLA	CLE	ON or ORIG. OF	FICE	GENERAL C	FFICE
J.P./J.T. APPL. No. OVER 20% YIELD TREE TRIMMING STRENGTH TEST	YES YES			-SECONIVIEN	2-0'	KEC	AMINICAL.	
CITY OR CO. PERMIT NOTE PAVEMENT-SO. FT.	NONE	ING LOT SALE MINTIPLE		CONOUR	U	CON	CUR	
HIGHWAY PERMIT MACHINE TRENCH – FT.	ALL COL		No. of UNITS	150.0				
R. R. X-ING PERMIT TOTAL MANDAYS  OTHER PERMITS PROJECT COST CONTROL	mez			AUTHORIZED	BY		M4701	243

# PG>E

(USE	IN A	COOR	DAN	Œ
GAS	STD.	A-34	AND	G

GAS OPERATIONS

77.				STRE	NGTH TE			NS OVER 100				SHE	ET	_or_/
PART I	- DESIGN	DATA - IT	O BE PREPAR	EO BY	PROJECT EN	GINE	EROR	GAS SYSTEM	M DESIG	N DEP	т.)			
DIST. MAIN C	_	GOLI	DEN GATE.	DEGIO	M PEN	INS	SULA		1 4 J	_	343	DAT	TE W.O. OR	GM APTROVE
	PLACE	,	STION OF			<u>- · 1 :</u>	32	DUE T	0 A	Lor	VOITUI	DINI	42	
W LOCATION C	ELD I	EFECT HIGH PACTOR IT	A PRESENT N	AOP O	F FACILITIES (	PSIG)	MAI	OP TO BE ESTA	IRI KHE		ln.	SKEN I	orcilor .	
3		.5		400	)		THE	P TO BE ESTA S TEST 400	PS/6		(Fi	UTURE	400 P	THIS SECTION ESSURE) S/A
OVER PIPE G. O. 112 -	IS LESS THA	REQUIRED WINSPECIFIED IN 1.2(8) GIVE M.P.	PAR. 192.327-							•				
STATIC HEAD DUE TO MAX. ELEVATION			N	STATIC HEAD CALCULATION  FOR WATER  OTHER  SPECIFY!					0.433 X DIFF					
PIPE	SIZE	,	PIPE SPECIFIC					% OF S.M.Y.	5.		PRESS 7	T	FOOTAGE	VERIF
30 <sup>11</sup>	W.T.		N. DSAW. SEAMI		VERIFIED IN FIELD	ATE	PESIGN RESS.	AT MIN. TEST PRESS.	TEST	RESS.	GIVE 90% 5	MYS	TO BE TEST	ED IN FIE
	C.515	APISLE	<u> Sex-52 d</u>	SAN	<i>MO</i> 2	30	0.8	10000	XIII	0575	1170	-	12.	Mi
30"	0.500"	API 5LX	6R X-60	DSAN	NS	20	0-0	65	68.	6	1800	>	40'	Na
MINIMUM PRESSURE FOR TEST								TUM TEST DURATION 8						
MAXIMUM PERMISSIBLE TEST PRESSURE			E .	123:	5	PSIG	WATER	2		MYS & OVER		.MIN.) (SEE 192.505	3(B) GD 112)	
PREPARED BY	Roy N	MATTSON		DA1	<u>=10-31-88</u>	FOR OR	INFOR	MATION 62	6-74	-37		- 1	DATE 10	14: -31-88
PART I	I - TEST	DATA - TO	BE PREPARED T AT TIME OF	BY PI	ERSON SUPE		ing	NOTE: MIN	IIMUM 1	TEST P	RESSURE	AND	DURATION WRITTEN A	ARE APPROVAL
TIME AN REACHEI PRESS	D TEST	1353 HR	- 11/3/	88	ELEVATION TEST POI			N/A PT.	IN	DICATE	10		1228	rs
TIME AN		1815 HE	- 11/3/	<i>8</i> 8	MAX. ELEVATION IN TEST SECTION		1	N/A PT.		TEST PRESS		N/A		F
ACTUAL D		4 HR	- 22 MIN		MIN. ELEVATIO IN TEST SECTIO		N/A PT.		TEST PRESSI AT MIN. ELEV				N/A	
TEST FLUI	DUSED	WATER			C VERIFIED		ART I)						SEE PART I	
MAKE, RAN	GE & SERIAL ING GAUGE		360314B	000	CALIBRATH	ON	MARE.	RANGE & SER NO WEIGHT TE	NAL NO.		N POR		2000	DATE LAST CALIBRATIC

# PUT SCHEMATIC SKETCH ON BACK OF THIS SHEET:

SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. ELEVATION IN FEET, MILE POINTS, VALVE NUMBERS AND INCORPORATED AREAS. USE AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING FABRICATED UNITS AND SHORT SECTION OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

APPE

#### DISTRIBUTION

TEST SUPERVISED

BY:

DIST. GAS SUPT. JOB FILE
DIV. GAS SUPT.
GC GAS - ASSIGNED JOBS
GAS SYSTEM DESIGN (2)
PLANT ACCTG. (WITH
FOREMAN'S COPY OF JOB)
PIFELINE HISTORY FILE
REPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND GAS DISTRIBUTION DEPT'S.

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION FROM INDICATED TEST PRESSURE.

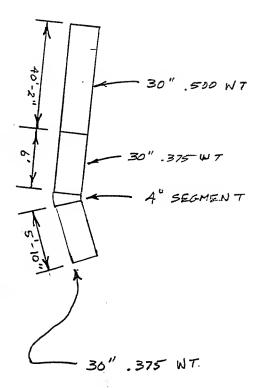
5/N 6000

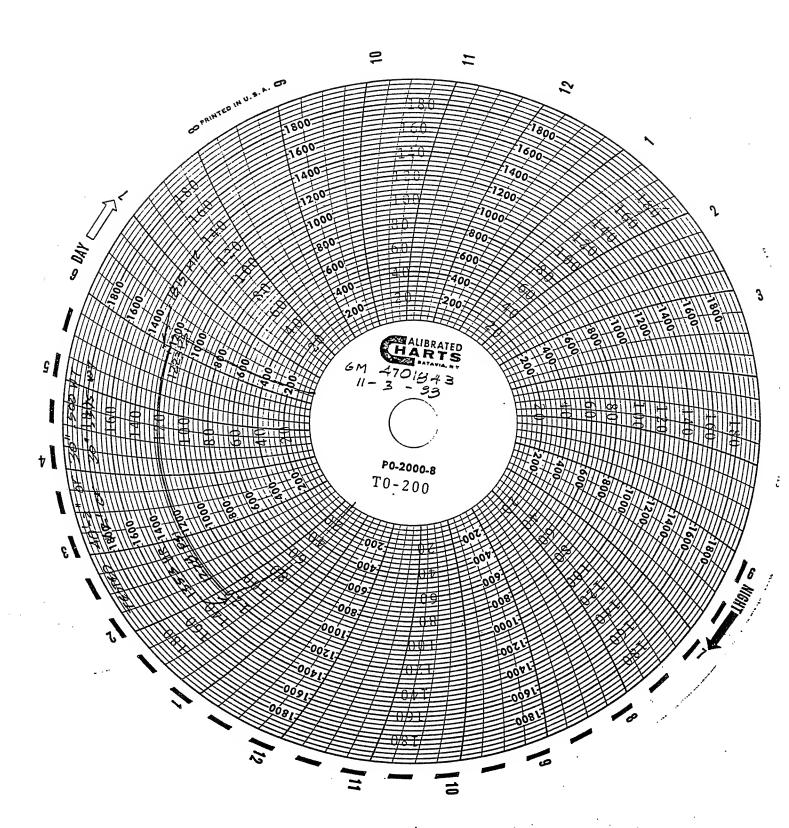
12/1/8

DATE: ]]

(3) ADD STATIC HEAT DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED YEST PRESSURE.

11-3-85
MARTIN SERUKE CENTER
LOWER YARD - BRISBANE
BUNKER HILL EYELSFNOY EEF- R
TL - 0132
LOWEST PRESSURE - 1223
NO ELEU. UARIATION





# STRENGTH TEST INFORMATION

	TO FINGTH 11		
	JOB GM 4701843  LOCATION MAZZIN STENICE CONTERNING PRES		04 04 04 04 04 04 04 04 04 04 04 04 04 0
	***************************************	7.5RADE	***************************************
	2443 minimum 326R	1278 - 12 Language	
	11 A70 18 CONCE	- 22.	M17 - 25
	PRES	3501th A HE 50	D / C Δ W
٦.	JUD DID	T.T. W.T.	x-52
	TOCATION -2-98 DUIL	130 5LX	
٠ سا	7 TE 1815	OZ.	
3.	JOB GM 4701843  LOCATION MARTIN SERVICE CENTER  DATE 11-3-98  DATE 1353 HR -1815 HR SIZE  SIZE 3	1-0501	
			***************************************
4.	TENGTH YAD DEAN SE	R 16-11	
5	JOB GM 4701843  LOCATION MAZTIN SERVICE CENTER  DATE 11-3-98  TIME 1353 He -1815 HR  DIR  TIME 1353 He -1815 HR  SIZE  LENGTH 40'-2" / 12  SIZE  REPE SPEC. X60 PSAW PIW SE	STIBRATED	**********
6	PIPE OF GAUGE LAST C.	7000	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
О	PECORDING 2000	A LUITO	
7	JOB GM 470184  LOCATION MAZTIN SERVICE CANTELL  LOCATION MAZTIN SERVICE CANTELL  PARTE 11-3-98  TIME 1353 HE - 1815 HE DUR  TIME 1355 HE	DATE II	2 88
	RANGE ZHADE	A A THE	
`	TEAD WELL 2000	DRIB II	-4-22
	1.2 475	DATE	
•	TITTISCHWAD	2 de servicio de la compansión de servicio	
	TEST FIGURE SUPERVISIO	and open open of the angles of	. ·
	C. SHENIST .		er i
	DULLOURD		
•	<b>DEKOATT</b>	·	

11-3-85 N SCHULAS

BUICKER HIL 6132 ENERGEVET

Ð-

	l	$\mathcal{C}$
TIME	PEGSSURE	MIN - 1170 HAX - 1235
\$353 485 1:53 PM	1225	
1400 H252:00	1228	
1415 HRSZ-15	1228	
1430	1228	
1450 -	1228	-
1534	1228	
.559	1223	
1633	1227	SUN WERT DOWN (TEMP DRUP)
1704	12 25	
1732	1223	
1600	1223	
1815	1223	PCWATEREN
	1	

### PG=E

GAS OPERATIONS STRENGTH TEST PRESSURE REPORT

(USE	IN	A	0001	R D	AHO	1
GAS	STE	١.	A-34	A	NO	G

(FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

		-
- 1		
- (		
	_	- 1

DIST. MAIN OR		DATA - (TO		RED BY P	ROJECT ENGIN	EER OR	GAS SYS		PT.)		
T . 12	7	Divisio		- T	DISTRICT T2			5. 1701	212	DATE W.O. OF	GM APPROVE
DESCRIPTION O	OF JOE - IN	CLUDE REFERE	YEN GATE	G NUMBERS		SULA	K	SM 47018	743		
_	PUCE		CTION C			32	DUE	TO A LO	NKITUI	DINIAN.	
WE		EFELT									
LOCATION CLA		IGN FACTOR (F		MAOP OF	FACILITIES (FSG)	MAG	P TO BE E	STABLISHED BY	DE	SIGN PRESSURE	· THIS SECTIO
3		.5		400		TME	4	00PS/6	li Fi		PS16
OVER PIPE IS	LESS THAT	REQUIRED WE N SPECIFIED IN 12(8) GIVE MLP. N.	PAR. 192.322								
ELEVA"	C HEAD DU TION DIFFE RE AFFLICA	RENCE	MAX. ELEVA	TION			HEAD CAL	JOH N.USC	(در		
PIPE S	121		IPE SP			70	DON	101111		=	
O.D.	W.T.	APL GR. ERV		2	COPIES	20	1				STED IN FIE
30" 0	2.37511	API 5LX	SEX-	_	- ( - )	6 F				7	Mi
				Di	DISTOR						1/2
30" (	0.500"	API 5LX	GR X	·							720
-											
											*
			F 1.4-								
	-										
MINIMU	M PDFSS	URE FOR T	CCT								
		IISSIBLE TES					eri		MYS & OVER		8 -
						_	- 11	PREIN	STALLATION	TEST (SEE 192.5	
PREMARED K	GY N	ATTSON			10-31-88 50	R INFORM	MATION (	26-7437	,	- 70 F	
, h.,				DATE	OR	CHANGE	3. CALLIZ	60 1131	We T	DATE	0-31-88
PART II -	TEST	ATA - TO	BE PREPARI	ED BY PER OF TEST.	SON SUPERVI	ING	NOTE:	MINIMUM TEST NOT TO BE CHAI	PRESSURE	AND DURATIO	N ARE
*TIME AND REACHED T PRESSUR	IESI	1353 HE	- 11/3	188	ELEVATION AT TEST POINT		N/A m	INDICAT	ED	1228	FS
TIME AND E	DATE	1815 HE	- 11/3	188	MAX. ELEVATION H TEST SECTION	٨	)/A =	TEST PRES		N/A	P¢.
ACTUAL DUR		4 HR.	- 22 MI	2	MIN. ELEVATION N TEST SECTION	/	U/A m	TEST PRES		NIT	PE
TEST FLUID	USED	WATER		PIPE SPEC	VERIFIED (SEE I	ART II					
MAKE, RANGE OF RECORDING	G GAUGE	NO. MERCH S/N &	3603148	2000	CALIBRATION	MARE,	RANGE &	SERIAL NO. CHI	N boo	0-2000	DATE LAST CALIBRATIC (3/1/8:
EST SUFERVISI	20				, , , , , ,	APPROV	ED		.5 600		11-11103
BY:	~					= be				D	ATE: 11/4/8
FUT SCH	EMATIC	SKETCH	ON BACK	OF TH	IS SHEET:						
AN ADDITION FABRICATE	ATION OF DHAL SHE DUNITS A	FACILITY TE ET IF NECESS ND SHORT SI	STED, MIN. SARY (SHOV ECTION DE	4 MAX. EL V REFEREN PIPE. A1 SC	LEVATION IN F	EET, MII	E POINTS	S, VALVE NUMBI PRAWINGS AND EACH ASSEMB	RS AND IN	CORPORATED	AREAS. US
	TRIBUTIO			-, -,	JANUAR A DEI	WILED 3	ALIEN OF	LACH ASSEMB	LY TESTED		

DIST. GAS SUPT. JOB FILE
DIV. GAS SUPT.
GC GAS - ASSIGNED JOBS
GAS SYSTEM DESIGN [2]
PLANT ACCTG. (WITH
FOREMAN'S COPY OF JOB)
PIFELINE HISTORY FILE
PREPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND GAS DISTRIBUTION DEPT'S. (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.

(2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION FROM INDICATED TEST PRESSURE.

(3) ADD STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO

ADD ALL DETAILS NOT CLEARLY SHOWN BY SKETCH ON MEMO FORM

RA-UNINC

COUNTY

Pub. RW

Pvt. RW

No. Trfs.

Code Area

Poles - Twrs.

O. H. Cond.

S L Units

GENERAL CONSTRUCTION - GAS CORRECTED COPY

Conduit

Cables

OH

Line No.

SL

Computer

### JOB ESTIMATE

Sheet No. 30F3
----------------

Estimate No. <u>0234691721</u>

DAT	E PR	EPA	RED		
мо	DA	λY	YR		
10	3	1	88		

7	REV.	8/82)	)				
T	E PREPA	RED		]	1	1	1
	DAY	YR	?	1	1	1	1

	0]:	3/18	0	·	·			1	TOTAL	AA401 1117 //	D-11 O-l-		1
S-R	FA	CILITY	ACCOUNT	SUB ACCOUNT	SPECIAL	DESCRIPTION	MANDAYS OF UNIT			· · · · · · · · · · · · · · · · · · ·	CONTRACT		TOTAL
QC# COC#	DIV	ID	ACCOUNT	ACCOUNT	CODE	DESCRIPTION	AMDUNT (When required)	LABOR	MATERIAL	RELATED COST	CONTRACT & OUTSIDE SERVICES	OTHER	(Dollars Only)
	02	132	3475	6034		SHUTDOWN AND RESTORE MAIN	40	5800		75	1000		6875
	02	132	36A	2040		REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		4100	24,400,004.	7590
_						X-RAY					900		900
_													
_						TOTAL MED		8990	300	75	6000		15365
-													
_													
_													
_													
51	ii =								,				
L		1											
L										6			
-												:	
									, .				
-													
<u> </u>	<u> </u>		<u> </u>	1	L	i	<u> </u>	<u> </u>		1			<u> </u>

### PG&E

### JOB ESTIMATE

Summary and Calculation Sheet For Indirects and Overheads

Sht. No. 20F3
Est. No. 0234 491721
Date: 10-31-88

Initials: RCM

z	FAR	DIRECT	COSTS

Capital Esc. 0 months at 0% M&C Esc 0 months at 0%

пе	an Fee A mounts at	VA						
* "	OD INDIDECT COCTO		% FOR OVERH	EARC				
	OR INDIRECT COSTS		6&A-Instal	0)	4			
	or-Div/GC 0%	^		0				
	cr-60 0%, amount \$	0	Removal					
	eria! 0%		Ad Val Tax	0				
TE	44%				years 			
	-Labor 31%		AFUDC	0	Z.			
M&O	-Material 29%							
			PG&E			CONTRACT		
	TYPE OF COSTS		LABOR	MATERIAL	EMPLOYEE	<b>♣OUTSIDE</b>	OTHER	TOTAL
	DIRECT COSTS							
1.	Sapital Installation/Purchase	CI	0	0	Ó	Ô	0	0
	Capital Removal	CRE	0	0	0	Ò	0	Ô
	Capital Travel	CT	. 0					0
	Capital Escalation	CE	0	Ò	0	0	0	0
	•	TCD	0		0	0	0	0
	ri die, debrier priece appear-	102	*	*	*	•	•	•
,	W 4 D located Toront Labor	MO	8990	300	75	6000	0	15365
	M ! O, Include Travel Labor			0		0	Ů	0
	₹ & O Escalation	MOE	0					
	** Total M & C Direct Costs **		8990	200		6000	0	15365
===:		=====	- =======	========		========	======	=======
								457/5
ę,	Total Authorized Direct Costs	TD	8990	300	75	6000	0	15365
	INDIRECT COSTS							_
	Installation	I	0	0				0
11.	Removal	R	Ô	0				0
12.	Transp. & Work Eq.(Cap & M)	TE					3956	3956
	## Total Capital Indirects ##	TC1	0	0			3956	3956
	## Total M & C Indirects ##	THI	2787	87				2874
===:		======		=======	======	=======	======	=======
1=	Total Indirects Costs	TI	2787	87			3956	6830
101	retti indiretti odati	•						
	OVERHEADS							•
• •		GEAC						0
	Gen. Engr. and Admin.							Ŏ
	Ad Valorem Tax	Tax	•					. 0
18.	AFUDC	AFUD						, V
===		=====:	= =======	=======				0
19.	Total Overheads	TO						V
	BOOD FINANCIAL COST							
	BROSS FINANCIAL COST							22405
20.	Directs, Indirects, Overheads	TOTA	L					22195
	COMPOSITE %		Ī	Face Sheet	•	PC Total	22195	
	<pre>a.Cap Indirects =</pre>		0	0		Div Total	0	
	b.M&O Indirects =	18.	7	2874	. 1	Difference	22195	
	c.Overheads =		0	0	1			

(REV. 6/82)	MO DAY Y		~ J(	DB ESTIMATE		_	JO	B COORDINA		CENTER
DATE OF COTTAINED	0318	8	3	e pistaict P	ا بحاددا د	V.A	- GO! F		(J)	
APPLICANTIST PACLE	IC GASE	ELEC	TRIC CO.		soul	RCE DOCUME	NAME NT or ESTIMA	TE No. Q	REGION 34691	727
LOCATION BUNK	ER HI	LL D	R SAN MAT	000////	NAM WA	EO	PROJE	CT IDENTIF	CATION NUME	PHASE
TITLE CODE YO	JOB TITLE	SMI	SSION MA	TOTAL SPE		4	NEW BI	JSINESS/A	PPLICANT BIL	
PROJECT/PHASE COORD	INATOR GALL	ESIU	PG&E Ex1.	626-72/4 PROJECT/	PHASE MOUNT \$			TENSION ENTIAL ELEC., NO	REINFORCE	MENT
NECESSITY FOR PROPOSED	WORK AND DESCH	IIPTION THEF	REOF		E	大わ	LESTIMATED	AL REVENUE		
-		*				7.0	RESIDENTIA UG ELEC E GAS TRENO	L ELECTRIC, ALL	P-1 GAS. FT, No UP	urts
IT IS NE	LESSAR	4. TO	REPLACE A	6 SECTION	of 30	11	CONTRIBU			
		,	LONGITUDIN				1		\$	
10000		<u></u>	2011911	10 1000	-1		The second second	E ADVANCE		
		one n	T 0232 ( E3210	אינו וייים א היות ו	TITE		D & C No		JOB AUTHOR	IZATIONS
	RELEA	SED B	Y OPERATING	S DEPARTMEN	AT.		OTHER JO		-	
1	DATE	11-4	-88 BY ,	over						
RECOMMENDATION, RUI	LE No and BATE	SCHEDIII E			7	2/	FERC PRO			
			OMPRAY EXPI	ENSE 1		0	- ESTIMATO		. MATT	SON
				100/19			DATE REC	UIRED J	1-11-33	
DIV ID	SUB ACCOUNT	SPECIAL I D. CODE	DESCRIPTION OF D		MANDAYS OF UNIT AMBUNIT (mean recovered)	LASOR	MATERIAL	UNT (Dollars EMPLOYEE RELATED COST	CONTRACT and OUTSIDE SERVICES	OTHER
,				100 1855	4 -				SERVICES	
902 32 3	475 6034		SHUTDOWN AND		40	5800		75	1000	
02 132 30	WA 2040	.]	REPAIR LONGITUDI	1.00 1504	22	3190	300		5000	
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				na. program proprietor de la programa de la program	্লিক ক্লিক্টাৰ বিশ্ববিদ্যালয়	4. 4				
	5.5			ROAFE	Drow	7-7				
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COMPLETION	11-4-5		CODEN	MANS COPY	GE.	NERAL CO	ICTO::s=.			
FLD. ENGS	NSCH	WAB	. FUREI	IANS OUT		CORREC	TED CO	W - GAS		
FOREMAN	S- NEL	w	-				, 25 00	,		
CORNECTED E	701	TOTA	AL AMOUNT (Dollars Only)			TOTAL C	APITAL DIRECT CO	STS		
	TOTAL CAPITA	AL DIRECT CO	ISTS	TOTAL M&O DIREC		(Escalate	d—il applicable) &O DIRECT COST: d—il applicable)		1536	5
	PENGVA: DIRECT	TRAVE!	LABOR ESCALATION	M & O DIRECT IInc TRAVEL ES	SCALATION		ZED DIRECT COST	5	1536	
PLANT TO BE	REMOVED OR	ABANDON	VED (Enter on Form 62-6428,		Retired")	CAPITAL	INDIRECTS	*		
COSTS FIRST	ga	JOB EXF	PENDITURE BY YEAR	NOTE	TOTAL	M&D INT		/8.7 ×	201	4
DIRECT		EARL	EC 1 75 1000	YEAR L		DVERHEA GROSS E	INANCIAL COSTS	*	2219	_
costs 153	65			DEC 7	1988	INSTALL	and/or REMOVE		- 2211	
GROSS COSTS 221	95		IJ.K. LEE	(A) YOU	IG /		and/or REMOVE		-	
Bus E Pape	PERCENT		CCOUNTING USE ONLY				SALVAGE			
HULE CODE	UNDERGROUND	FUNCTION	NAL GROUP MLX DEPOSIT No	CONTRIBUTIONS	ATEGORY OF WO	AND NON	OTHER CREDITS INC PREFUNDABLE BILL	L CONTRIBUTION NGS		
CHECKLIS!	REOD SECO	CHECKL	IST REO'D SEC'D	FOR ACCOUNTING U	SE ONLY	NET /	TAUOMA	OB AUTHORI	\$ 2219	5
J P'J T. INTENTION	i	RIGHT OF W	MO	ROGRESS REPORT VALUATION UNIT	PARTY MOT	OR DIVIS	ION or ORIG. O	FFICE	GENERAL C	OFFICE
J.P.J.T. APPL No.		OVER 20% Y	477			HELOMME	hor'	HEL	- Janes Ru	
City on an accusal		PAVEMENT-	SO. FT. NONE	JILDING LOT SALE MULTIPLE		टक्किए (2)	101	cor	NCUR	-
HIGHWAY PERMIT	_	MACHINE TRENCH - F	T. ALL	CODE DIVISION SINGLE	No. pt UNITS	AUTHORIZ	ED BY	100	B ORDER NUMBER	
OTHER PERMIT		TOTAL MANI PROJECT COST SYSTEM REPOR				ALI (BANIL)		(-	M 4701	843

Date Vork Date Completed  MATERIAL USED ON THIS AUTHORIZATION  REQUISITION and GREDIT OFFICE NUMBERS  DEBIT  Pro. Reco.  From. Reco.  Pro. Reco.							-NAN Initials
MATERIAL USED ON THIS AUTHORIZATION REQUISITION and GREDIT CHECK NUMBERS  DEBIT  DEBIT  DEBIT  DEBIT  OREDIT THECK NUMBERS  OTHER REFERENCE Nos.  POSTED TO. DAT  H Sheet  Pron. Tas Fles.  Site Wellow in Specific No. K. Val.  INSPECTOR  INSPECT	Date Work						
DEBIT DEBIT OREDIT CHECK NUMBERS  OTHER REFERENCE No. A H Sheet  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. May Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  Prop. Tax Rec.  Prop. May Tax Rec.  P		•					
DEBIT CREDIT REC. CREDIT CHECK  OTHER REFERENCE Nos.  H Sheet  Fran. Sheet  Fran. Sheet  Prop. Tex Rec.  Prop.	IVI					MAPPING RI	CORD
First. Sheet Prop. Tax Rec. Prop. Ta	DEBIT	T		-y		POSTED TO:	DATE
For transformer installation — Job Foreman shall show following data on sketch at transformer location: Type, Mfg. Serial No., KVA. Voltage, New or Old. (If space is insufficient, and separate sheat with same data and transformer location gnd coordinates or pole reference number.)  SKETCH OF WORK — Foreman to correct if changes are made — otherwise O.K. by initialing here.  STEEL WELDS INSPECTED PER P G & E GAS STANDARD D-40 BY INSPECTOR  WEND INSPECTOR  STEEL WELDS INSPECTOR  WE BONNOW SEEL STANDARD D-40 BY INSPECTOR  DESIGN CARRY SEEL STANDARD D-40 BY INSPECTOR SEEL STANDARD SEEL						H Sheet	
Prop. Tax Rec. Plat Sheet Prop. Tax Rec. Plat Sheet Shrigh & Sh						Fran. Sheet	
For transformer installation — Job Foreman shall show following data on sketch at transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location: Type, Mfg. Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate sheat with same data and transformer location grid coordinates or pole reference number)  STEEL VOLTAGE (UNINC)  POLITICAGE (UNINC)  POLITI			1 :			Prop. Tax Rec.	
For transformer instillation — Job Foreman shall show following data on sketch at transformer location: Typa, Mfg, Serial No., KVA Voltage, New or Old. (If space is insufficient, add separate shear with same data and transformer location grid coordinates or pole reference number.)  SKETCH OF WORK — Foreman to correct if changes are made—otherwise O.K. by initialing here.  STEEL WRILDS INSPECTED  PER P G & E GAS  STANDARD D-40  BY  INSPECTOR  STEEL UNINC  PAREA T. L. I.3 2  PRESSURE: 3715 PSIG  OZ 3-64 91 T. L. I.3 2  PRESSURE: 3715 PSIG  OZ 3-64 91 T. I.				*		Plat Sheet	
SKETCH OF WORK – Foreman to correct if changes are made—otherwise O.K. by initiating here.  STEEL WELDS INSPECTED PER P G & E GAS STANDARD D-40 BY INSPECTOR  INSPECTOR  STANDARD D-40 BY INSPECTOR  I							
ADD ALL DETAILS NOT CLEARLY SHOWN BY SKETCH ON MEMO FORM  Code Area  Pub. RW	3277 B2 SAN MATE C.P.AREA T.L.13 PRESSURE: 37 0234691721 GM 4701843	(UNING) 2 5 PSIG	STEEL WELDS INS PER P G & E C STANDARD D-	PECTED GAS -40	DOCATION CI DESIGN FACT D.P. 400 MADP 420 STRENGTH J. 117  TEST FLUID RIPE SPEC. 2 O.D WELD INSPEC. 2 VISUAL RADIOGR STEEL PIPE 6	DESIGN CRITERIA  ASS OR 5  OR	% SMYS % SMYS % SMYS IF SMYS
Code Area         Pub. RW	THE	ADD A	ALL DETAILS NOT CLEAR	S S SELY SHOWN BY SKETC			٠. د.د
Poles—Twrs. Pvt. RW Ly CL OH C		Pub. RW			luc luc	SL	SL
	Poles—Twrs. O. H. Cond.	Pvt. RW	TNU	LING LING	CL CL	ОН	UG

S L Units

PG&E JOB ESTIMATE

Summary and Calculation Sheet and For Indirects and Overheads

Sht. No. 20F3

Est. No. 0234 91721 Date: 10-31-88

Initials: RCM

7	EUB	DIR	FCT	COSTS	
٨	T UN	DIN	LLI	60212	

0% Capital Esc. 0 months at 0% M&C Esc 0 months at

% FOR INDIRECT	COSTS		% FOR OVERHEADS	
Labor-Div/GC	0%		6&A-Instal	0%
Labor-60	0%,amount	\$ 0	Removal	0%
Material	07.		Ad Val Tax	0%
TE	44%			0years
M&O-Labor	31%		AFUDC	0%
M&C-Material	29%			

	Labor 31% Material 29%		AFUDC	01	<b>%</b>			
			.P6&E			CONTRACT		
	TYPE OF COSTS		LABOR	MATERIAL	EMPLOYEE	<b>AOUTSIDE</b>	OTHER	TOTAL
	DIRECT COSTS							
1.	Capital Installation/Purchase	CI	0	0	0	0	Ô	0
	Capital Removal	CRE	0	0	0	0	0	0
	Capital Travel	CT	0					0
	Capital Escalation	CE	0	0	0	0	0	0
	11 Total Capital Direct Costs**	TCD	7 0	. 0	0	0	0	0
Ł.	M. & O. Include Travel Labor	MO	8990	300		6000	0	15365
	₩ & O Sscalation	MCE	0	0	0	0	0	0
<b>g</b> ,	## Total M & C Direct Costs ##	TMOD	8990	√ 300		6000	0	15365
====	=======================================	========	=======	=========	========		======	=======
ė,	Total Authorized Direct Costs	מד	8990	300	75	6000	0	15365
	INDIRECT COSTS							
10.	Installation	I	0	0				0
11.	Removal	R	Ú.	0				0
12.	Transp. & Work Eq.(Cap & M)	TE					3956	3956
13.	** Total Capital Indirects **	TC1	0	0			3956	3956
	** Total M & O Indirects **	TMI	2787	87				2874
		:===== = TI	2787	87		=======	3956	6830
25.1	ideal indiffered deser							
	OVERHEADS	OCAC						0
	Gen. Engr. and Admin.	GEAC						0
	Ad Valorem Tax	Tax						0
	AFUDC 	AFUDC				2222222	======	
	Total Overheads	TO						0
	GROSS FINANCIAL COST							
20.	Directs, Indirects, Overheads	TOTAL						22195
	COMPOSITE %		i	Face Sheet		PC Total	22195	

COMPOSITE %		Face Sheet	PC Total	22195
a.Cap Indirects =	0	0	Div Total	0
b.M&O Indirects =	18.7	2874	Difference	22195
c.Overheads =	0	0		

### PG > E 62-6427 (REV. 8/82)

## JOB ESTIMATE Detail Sheet For Plant to be Installed

Sheet No. 30F3

Estimate No. <u>0234691721</u>

DAT	E PREPA	ARED
MO	DAY	YR
10	31	88

Ц	01	5/1/8	0										
SI F	FA	FACILITY SPECIAL					MANDAYS		SUB-TOTAL AMOUNT (Dollars Only)				
COCH	DIV	ID	ACCOUNT	SUB ACCOUNT	I.D CODE	DESCRIPTION	or UNIT AMOUNT (When required)	LABOR	MATERIAL	EMPLOYEE RELATED COST	CONTRACT & OUTSIDE SERVICES	OTHER	TOTAL (Dollars Only)
			3475			SHUTDOWN AND RESTORE MAIN	40	5800		75	1000		6875
	02	132	36A	2040		REPAIR LONGITUDINAL WELD DEFECT	22	3190	300		4100		7590
$\mid$		,				X-RAY		:			900		900
						TOTAL MED		899 <i>0</i>	300	75	6000		15365
								***************************************					
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						•						**************************************	
									×				
		19.19.19.19.19										· · · · · · · · · · · · · · · · · · ·	
				*** W **** W ***									
F					·	·						-	
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											-		
-													
													VIII.
F													
L													j

62-4921 REV. 4-79

PG=E GAS OPERATIONS STRENGTH TEST PRESSURE REPORT

(USE	IN A	CCOR	DAN	CE W	ı.
GAS	STD.	A-34	AND	GO 1	11.

(FOR PIPE FACILITIES OPERATIONS OVER 100 PSIG)

PART I - DESIGN DATA - (TO BE PREPARED BY PROJECT ENGINEER OR GAS SYSTEM DESIGN DEPT.)

			1
CHEST	1	0.5	·

DIST. MAIN O	R LINE NO	).	DIVISION			DISTRICT			1	<b></b>	G.M	. NO.	4.5	DA	TE W.O. OR	GM APPROVED	
T.L.I	32		GOLDE	NGATE ?	REGION	PEN	INSU	LA		ME	147	018	43				
DESCRIPTION	OF JOB -	INCLUDE	REFERENCE	E DRAWING I	NUMBERS												
RE	PLACE	= 6	SECT	TON OF	= 30	"T.L	<u>13</u>	<u>Z</u> .	DUE	T	OA	Lon	16171	IDIN	AL_		
	ELD.	DEF	ECT.	Teneral N	100 OF	FACILITIES (I	esic l	IMAG.	P TO BE	STAF	a SHFF	BV		DESIGN	PRESSURE ·	THIS SECTION	
ocation ci 3	LASS	resign fa	)	PHESENI	400	racio (i	raioj	THIS	TEST A		PS/6			(FUTUR	4007	THIS SECTION RESSURE) PS/6	
SPECIAL PI OVER PIPE G. O. 112 - NO. FOR EA	IS LESS TO	HAN SPEC 1,41.2(B) G	IFIED IN P	AR. 192.327-													
ELE\	ATIC HEAD VATION DIF HERE APPL	FFERENCE		AX. ELEVATION. ELEVATION	N		FT.	FOR W OTHER (SPECII		EUL	ATION		0.43	X DIF	=	PSIG	
				DIF			PT.		% OF S.M	V 6				X DIF	T T		
O.D.	SIZE W.T.	API		SAW. SEAMI		VERIFIED IN FIELD	AT DE	SIGN	AT MIN		AT M	AX.	PRES GIVE 90		FOOTAG TO BE TES		
30"	C.375	5" API	5LXGE	2 <b>X-5</b> 2 D	SAW		30.	8	1170		123	5	_117	70	12'		
MININ	UM PRE	SSURE	FOR TES	т	×	1170	)	PSIG	TEST FLU BE USED.	ID T	0	1 .	/UM TE			8 HRS.	
MAXII	MUM PE	RMISSIE	BLE TEST	PRESSUR	E .	123:	5	PSIG	TAW	ER	<u>.                                    </u>					05(B) GO 112)	
FREFARED BY	Roy	MATT	30N		5.475	10-31-88	FOR I	NFORM	MATION (	21	6-74	437			APPROVED	0-31-88	
					DATE		OR CF	IANGE	s, CALL				· · · · · · · · · · · · · · · · · · ·		DATE		
PART I	I - TEST	T DATA		PREPARET		RSON SUPE	RVISIN	G							DURATIO	N ARE APPROVAL.	
*TIME AN REACHEI PRESS	D TEST					ELEVATION TEST POI			F	т.	IN TES	NDICATI	ED SURE (1	)		PSIG.	
TIME AN						MAX. ELEVA			F	т.	TES AT MA	T PRES	SURE VATION 2	)	PSIG.		
ACTUAL DURATION OF TEST  MIN. ELEVATION IN TEST PRESSURE AT MIN. ELEVATION (3)						PSIG.											
TEST FLU	ID USED				PIPE SPEC	VERIFIED	<u> </u>	SI. 1)							D (SEE PART	- 1)	
MAKE, RAN OF RECORD	GE & SERI	IAL NO. SE				CAUBRATI		MAKE, OF DE	RANGE & AD WEIGH	SER T TE	IAL NO. STER					DATE LAST CALIBRATION	
TEST SUPERV	VISED							PPROV BY:	ED						D	ATE:	
PUT SC	CHEMAT	TIC SK	ETCH O	N BACK	OF TH	IIS SHEE	<u>т:</u>			********		······································					

SHOW LOCATION OF FACILITY TESTED, MIN. & MAX. ELEVATION IN FEET, MILE POINTS, VALVE NUMBERS AND INCORPORATED AREAS. USE AN ADDITIONAL SHEET IF NECESSARY (SHOW REFERENCE NUMBERS ON FACE OF ALL DRAWINGS AND ATTACHMENTS). FOR STATION PIPING, FABRICATED UNITS AND SHORT SECTION OF PIPE, ALSO SHOW A DETAILED SKETCH OF EACH ASSEMBLY TESTED.

### DISTRIBUTION

DIST. GAS SUPT. JOB FILE
DIV GAS SUPT.
G C GAS - ASSIGNED JOBS
GAS SYSTEM DESIGN (2)
PLANT ACCTG (WITH
FOREMAN'S COPY OF JOB)
PIPELINE HISTORY FILE
REPORT FAILURES UNDER
TEST TO GAS SYSTEM DESIGN
AND CAS DISTRIBITION AFTER. AND GAS DISTRIBUTION DEPT'S.

- (1) LOWEST PRESSURE ON TEST GAUGE AT ANY TIME DURING TEST.
- (2) SUBTRACT STATIC HEAD DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MAX. ELEVATION) FROM INDICATED TEST PRESSURE.
- (3) ADD STATIC HEAT DUE TO ELEVATION DIFFERENCE (BETWEEN TEST PT AND MIN. ELEVATION) TO INDICATED TEST TRESSURE.

### FG&E GAS CONSTRUCTION DEPARTMENT JOB STATUS MEMORANDUM

Job Number Source Document Number

GM 4701843 0234G00000

Date Frepared

November 8, 1988

To Division Manager of Peninsyla Division, Golden Gate Region

This is to notify you of the status of the above job covering:
30" L132 REPAIR
BUNKER HILL RD S.M.

Start Date Release Date Completion Date 11/02/88

These dates are being reported by General Construction to Construction Accounting on the R200 series Job Progress Markup Reports.

J. FOPE Manager, Gas Construction Department

By General Foreman: Sanchietti BRISBANE

DISTRIBUTION:

X Division Manager

X Construction Accounting

X Manager In Charge

X Field Job File

General Construction 62-3042 , 8-83 Rev	PAPTIA	AL ASSIGNMENT LETTER	
TO LOUIE DANCH	ETT)		.1
DIVISION GENERAL Gr	SPUCTION	GAS	11-3-88 DATE
DEPARTMENT GAS	•		
		WORK PACKAGE	. *
		NUMBER .	RESPONSIBILITY CENTER
SUBJECT: Assignment of a p	portion of:	JOB ORDER PREFIX NUMBER SUF  SM 470184 3  Report to	ORIGINATING CHARGED DIV CENTER DIV CENTER  0: 02 693 62 693
The following work is hereby	assigned to yo	ou for completion. All charges should be made di	
WORK PACKAGE ACTIVITY R FACILITY ACTIVITY	SUB ACTIVITY SPECIAL		REQUIRED ESTIMATED
Igh C DIV ID ACCOUNT	SUB CODE	DESCRIPTION of WORK	COMPLETION LABOR DATE COST
CZ 132 3664;	2040	Repair Longitudina / Weld Defer	T 11-7-88
			·
		NOTED	
		NOVISION	
		NOTED  NOV 1 5 1988	
Status of Material. On hand?	Yes 🔽	No $\square$ Other comments: $5.0^{\pm}$ 0230	1691721
: PIN# GD 02-88	8-21 1	PHASE P	
ASSIGNED	D BY	COORDINATORS TO CONTACT ASSIG	NED TO
DONIBLD E JOHANSA	EN .	NAME LOU SONCHET	Ţ <u>`</u>
1970 INDUSTRIAL		ADDRESS BISBANE	ac GAS
626-74.58		TEL. No. 575-3478	
598 - 7458		P.T. & T. 467-4460	
1	xcavat		$\mathbb{C}$
work Comple-		-88	7(1)
wire curyit	<u> </u>		
		Signer	· ·
DISTRIBUTION:  ORIG Assignee Division		Division PENINSULA	
COPY - Plant Accounting Dept. COPY - Job File			UCT107)